





1/18

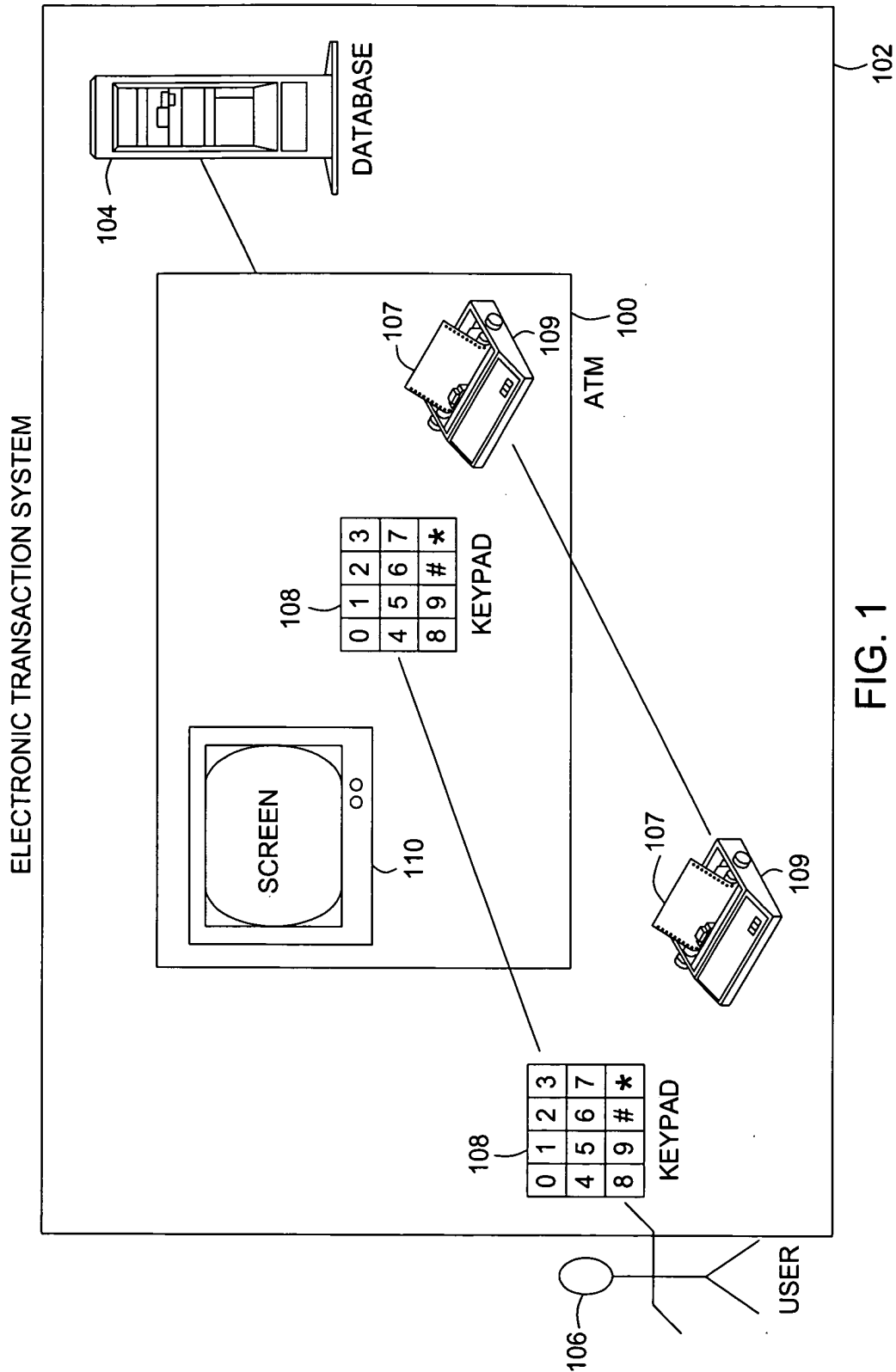


FIG. 1  
(PRIOR ART)



2/18

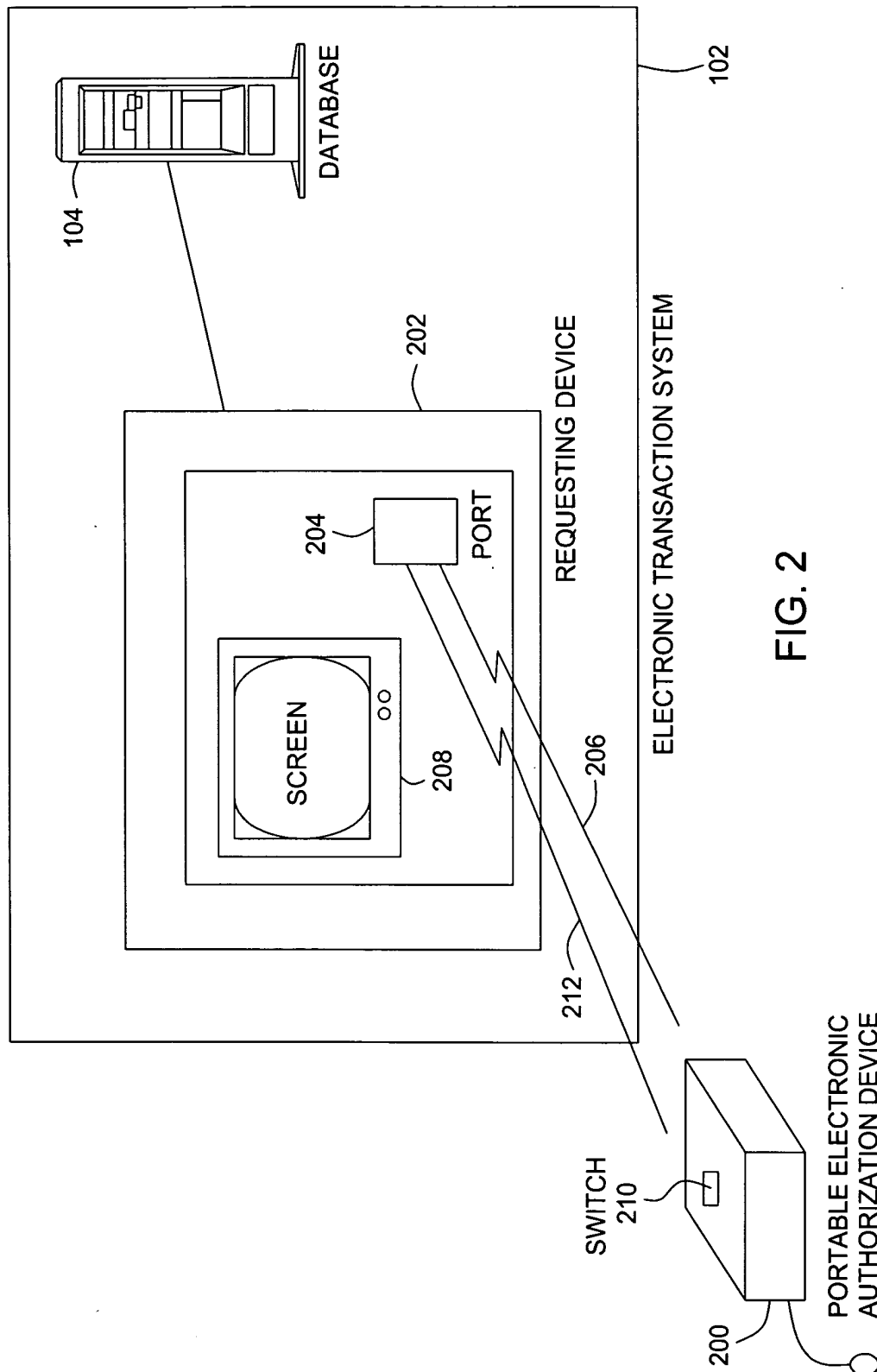
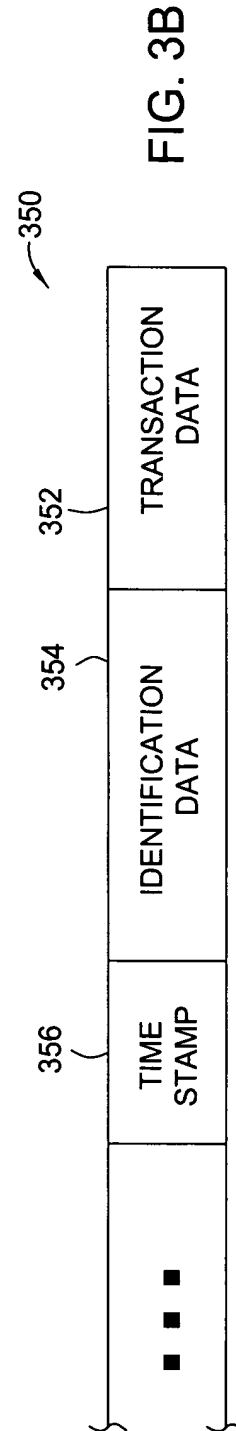
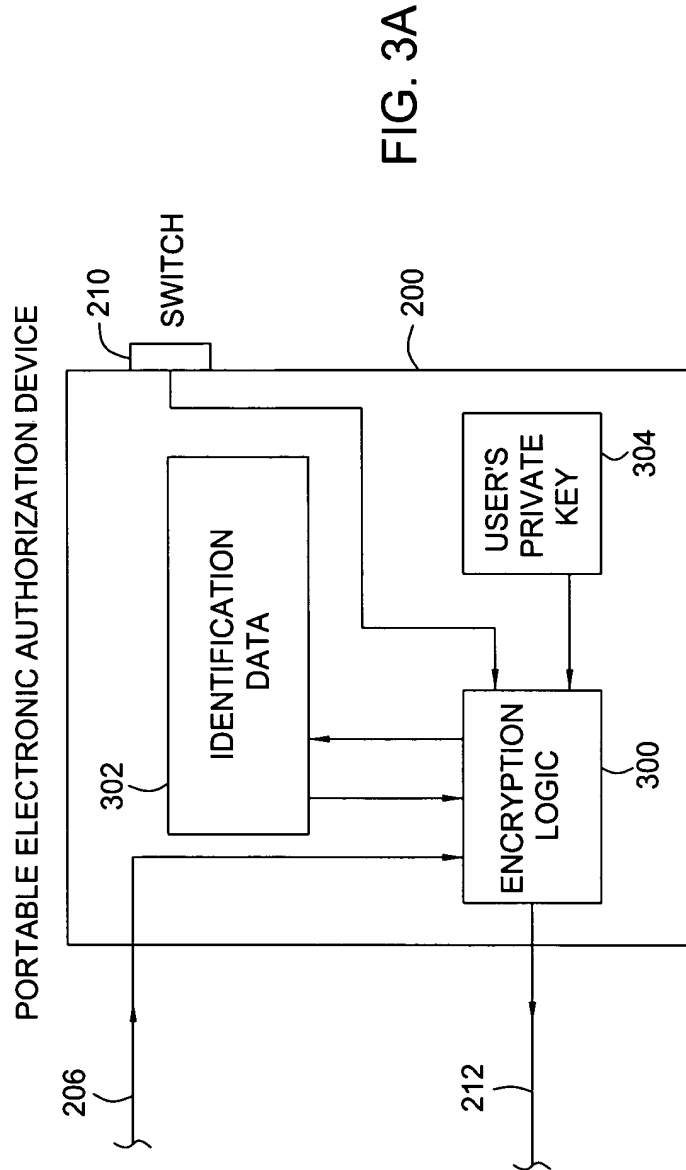


FIG. 2



3/18





4/18

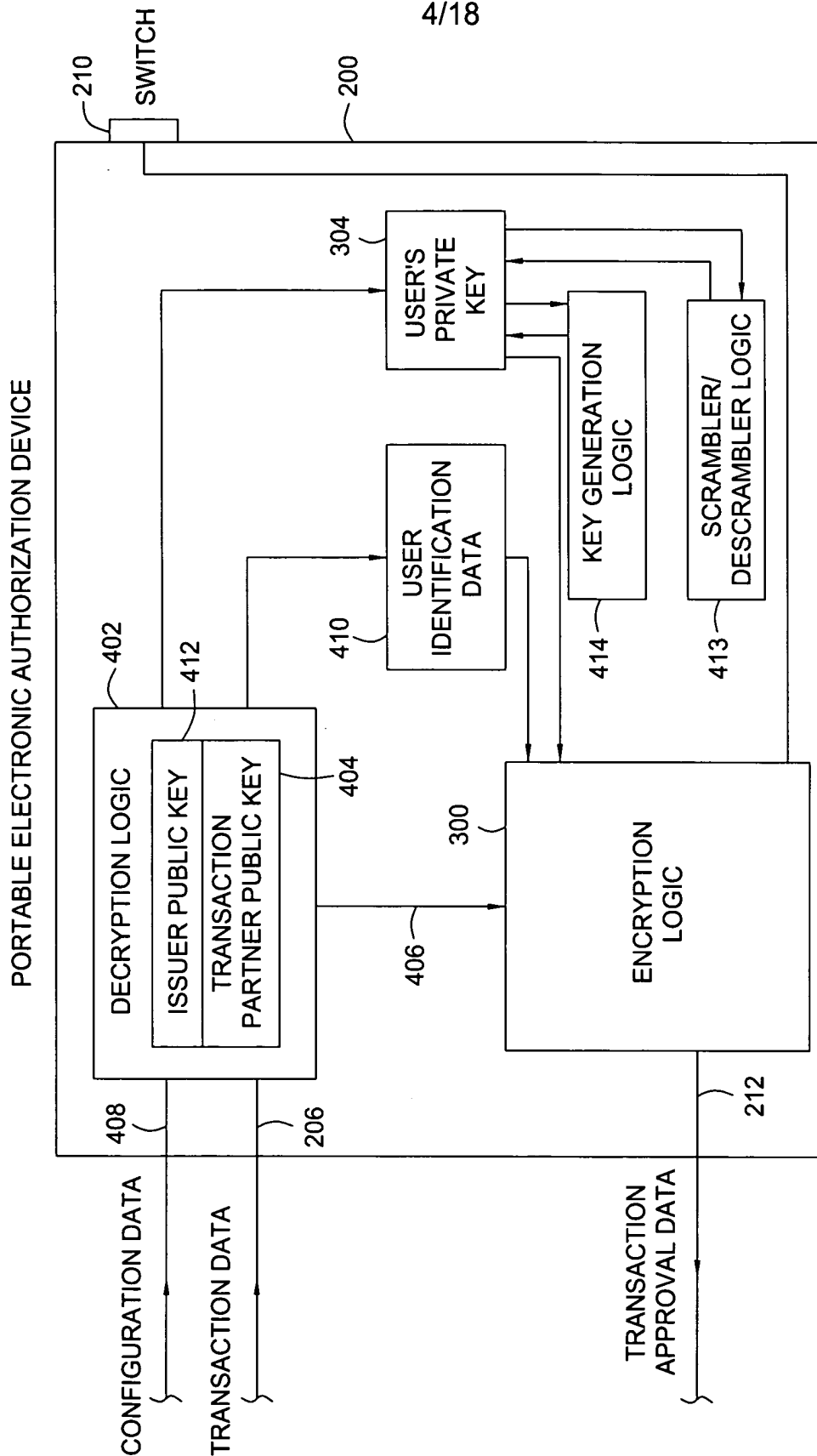


FIG. 4



5/18

PORTABLE ELECTRONIC AUTHORIZATION DEVICE

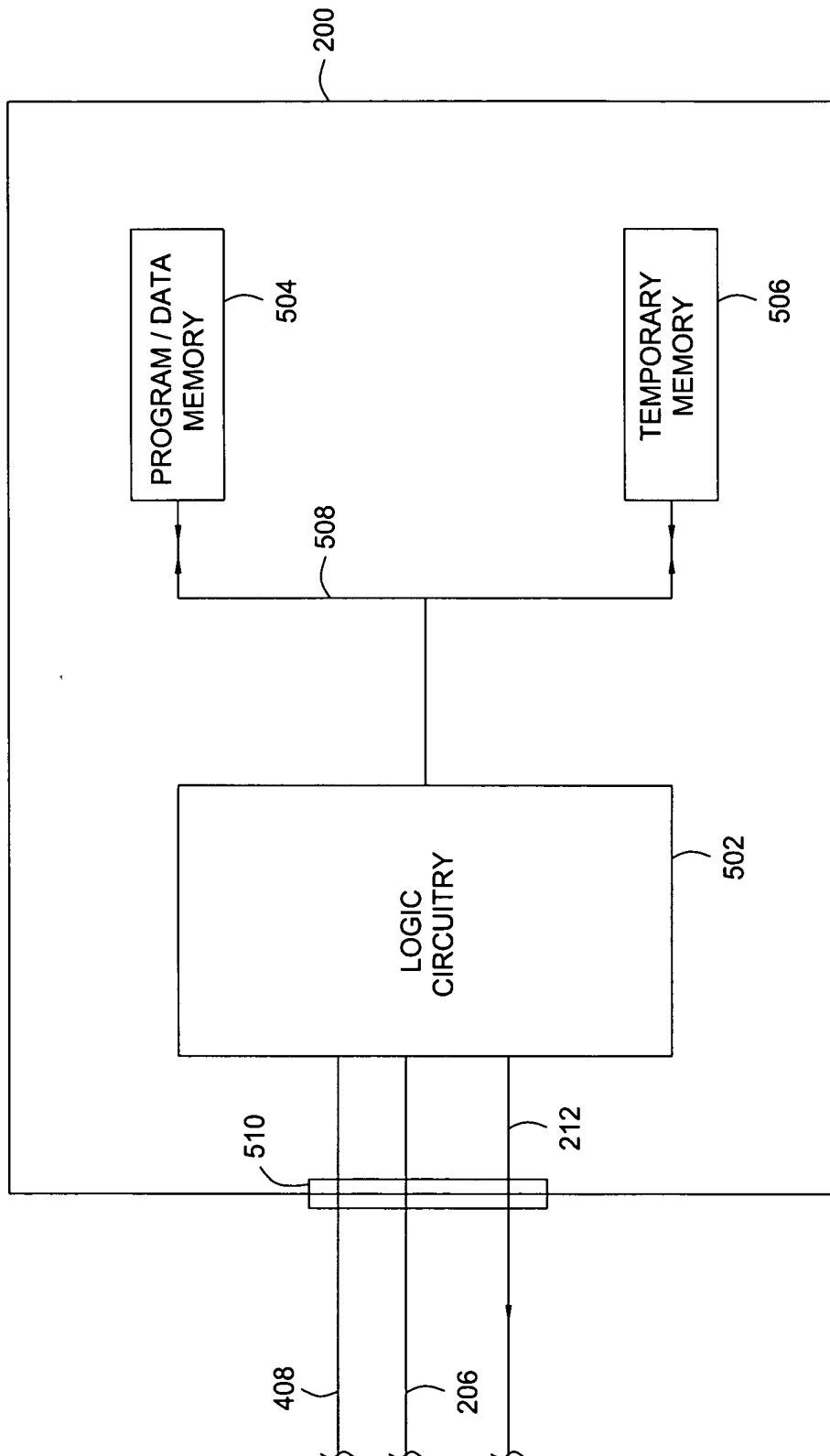


FIG. 5A

6/18

PORTABLE ELECTRONIC AUTHORIZATION DEVICE

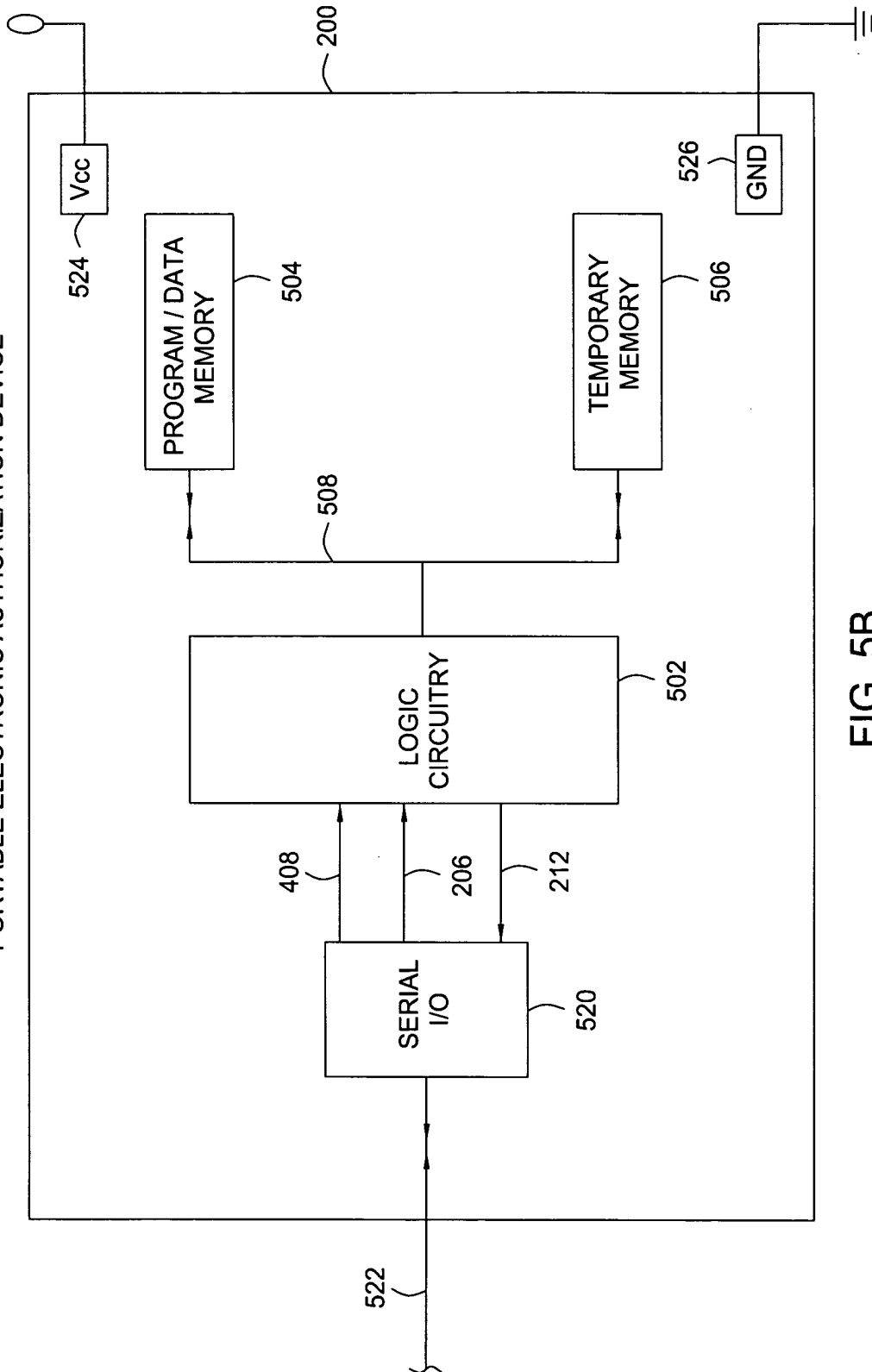
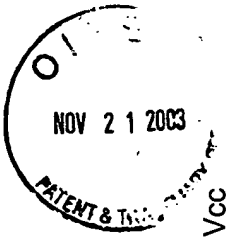


FIG. 5B





Atty Dkt. No.: ESX-005  
U.S. Serial No.: 09/668,213 Conf. No.: 9838  
Filed: September 22, 2000  
Title: ELECTRONIC TRANSACTION SYSTEMS AND  
METHODS THEREFOR  
Inventor: Ynijun P. Wang, et al.  
Express Mail No.: EL 323863909US US Page 7 of 18

7/18

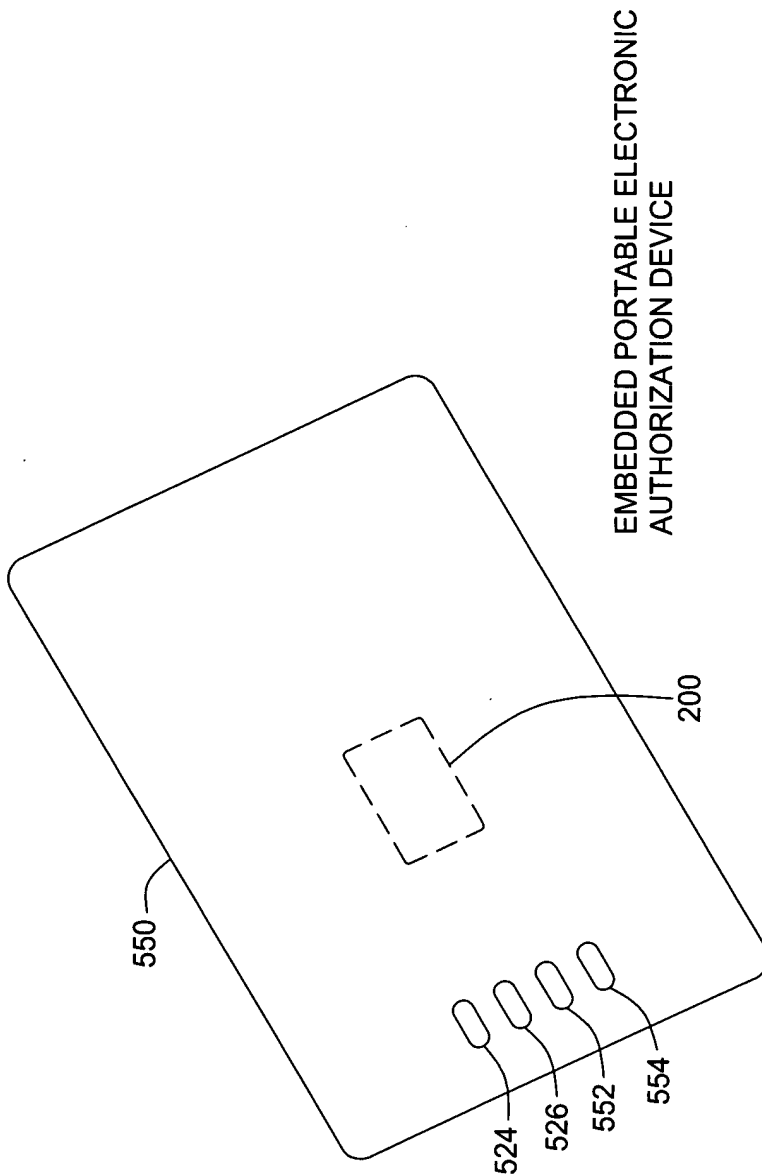


FIG. 5C





8/18

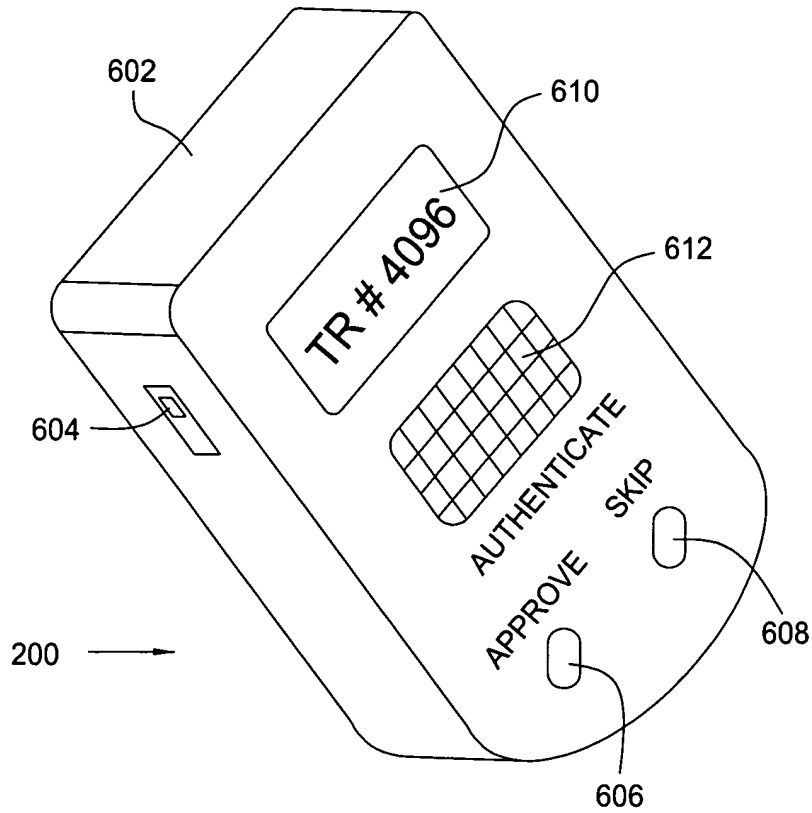


FIG. 6A



9/18

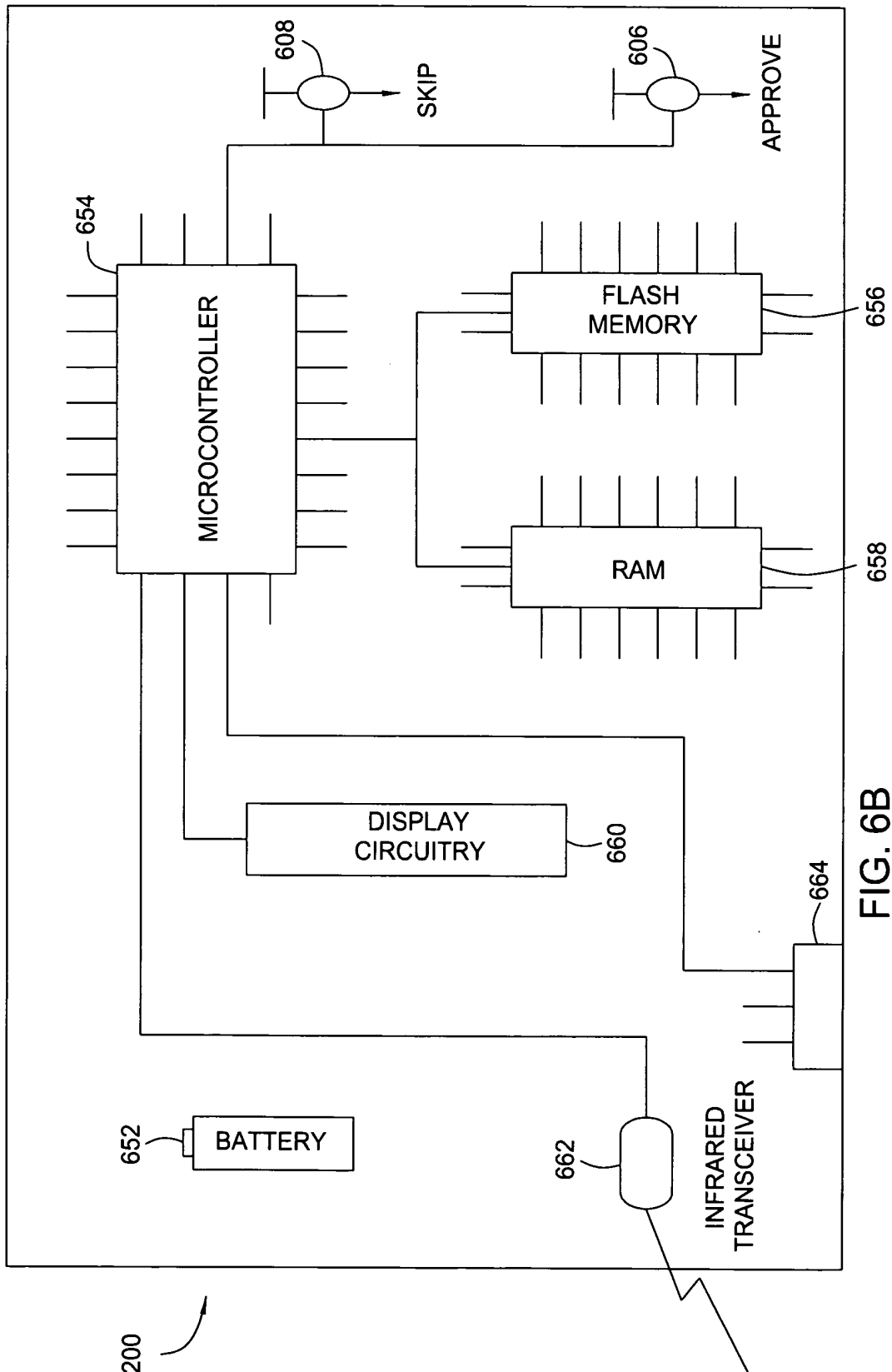


FIG. 6B



10/18

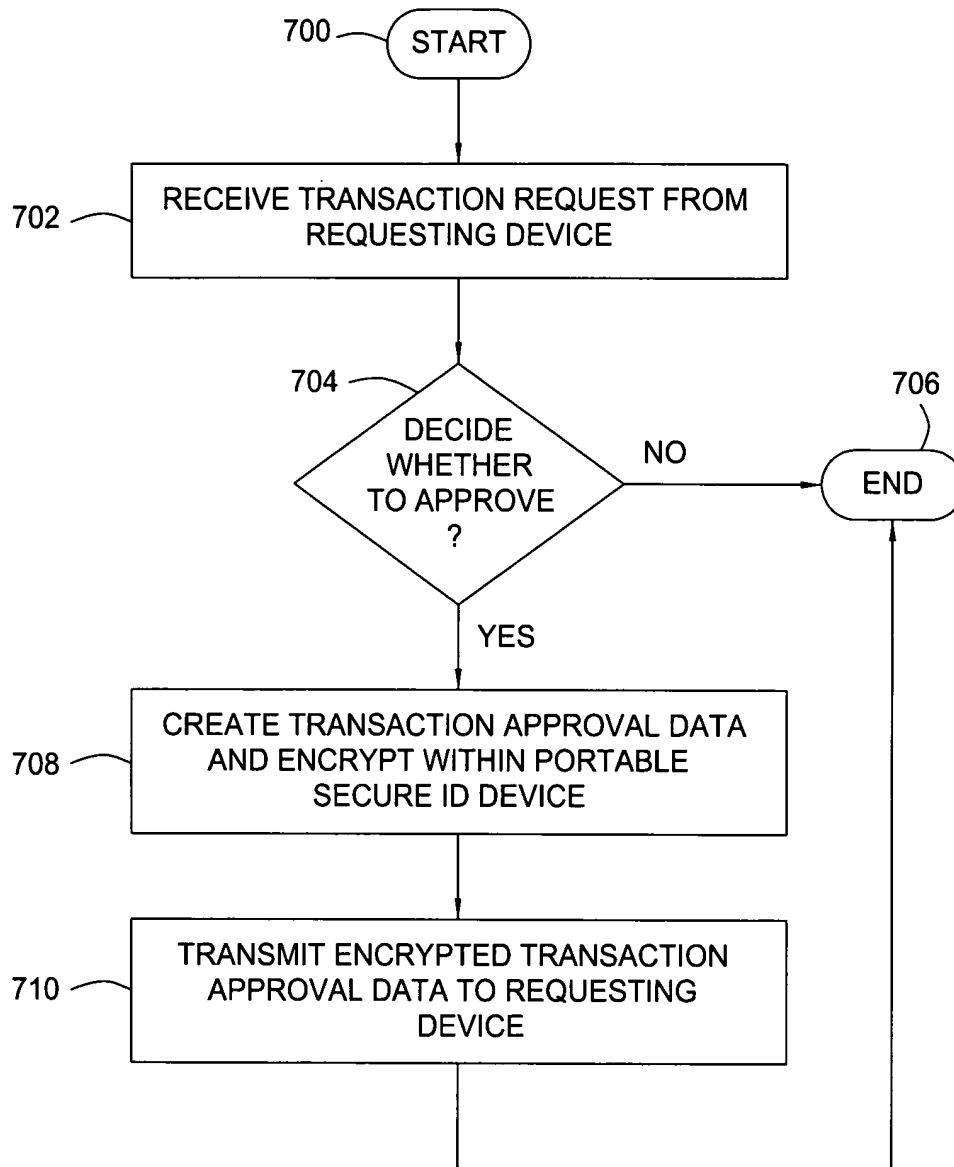


FIG. 7A



11/18

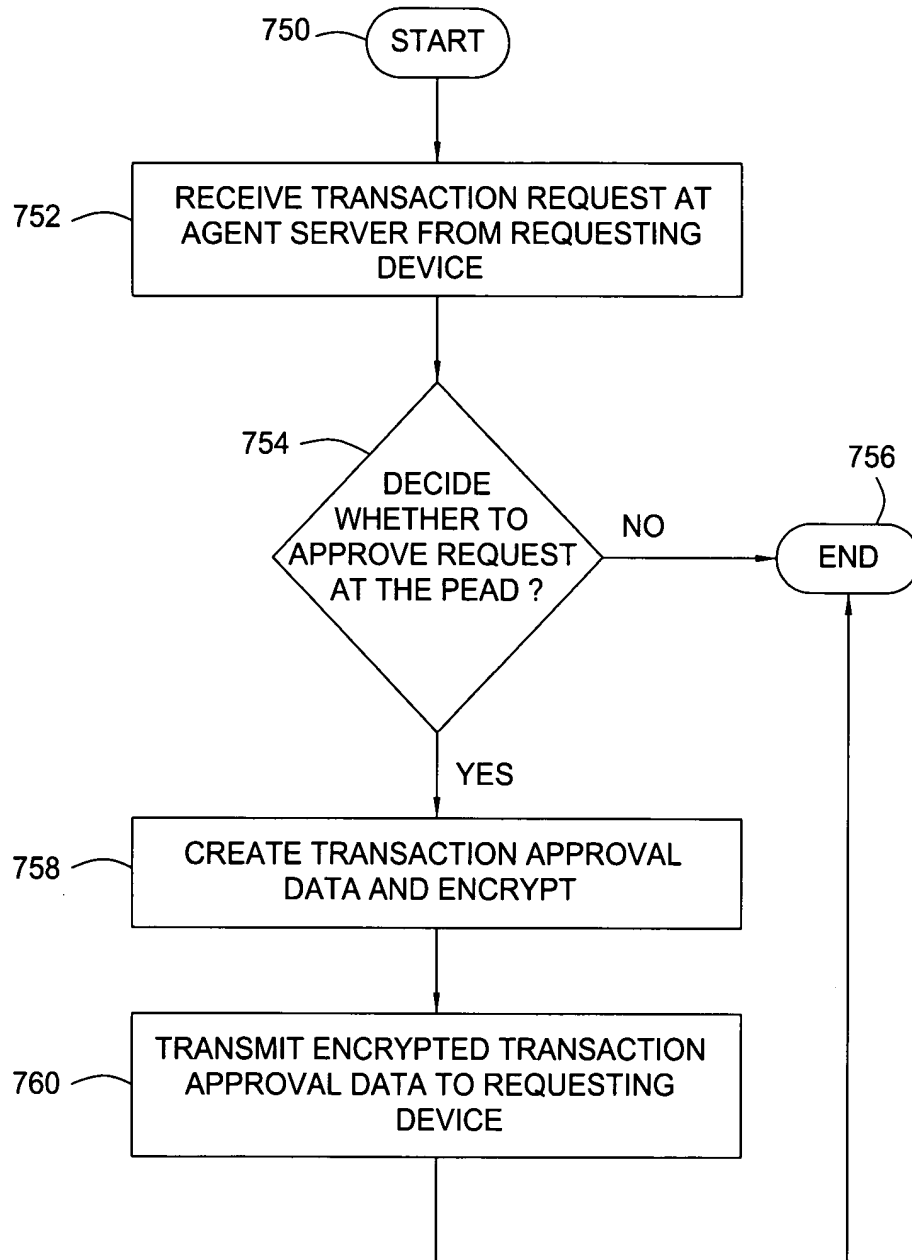


FIG. 7B



12/18

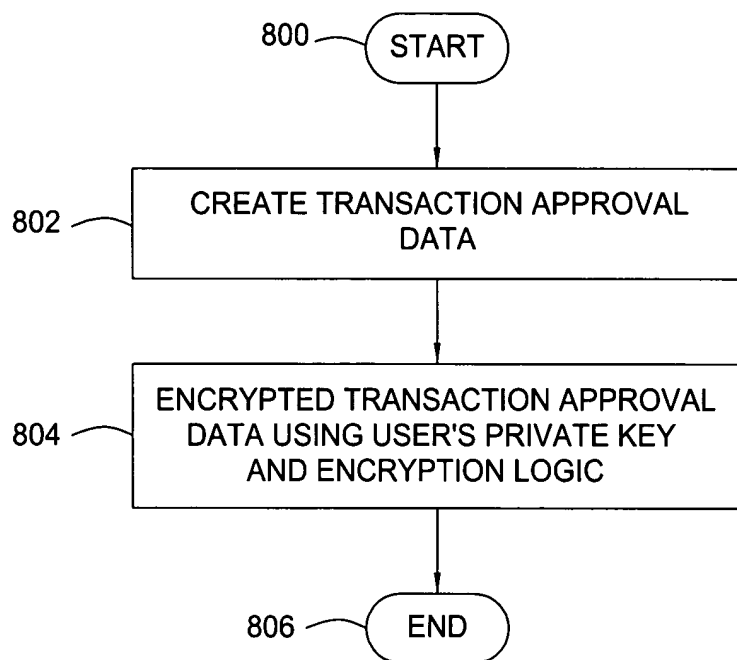


FIG. 8



13/18

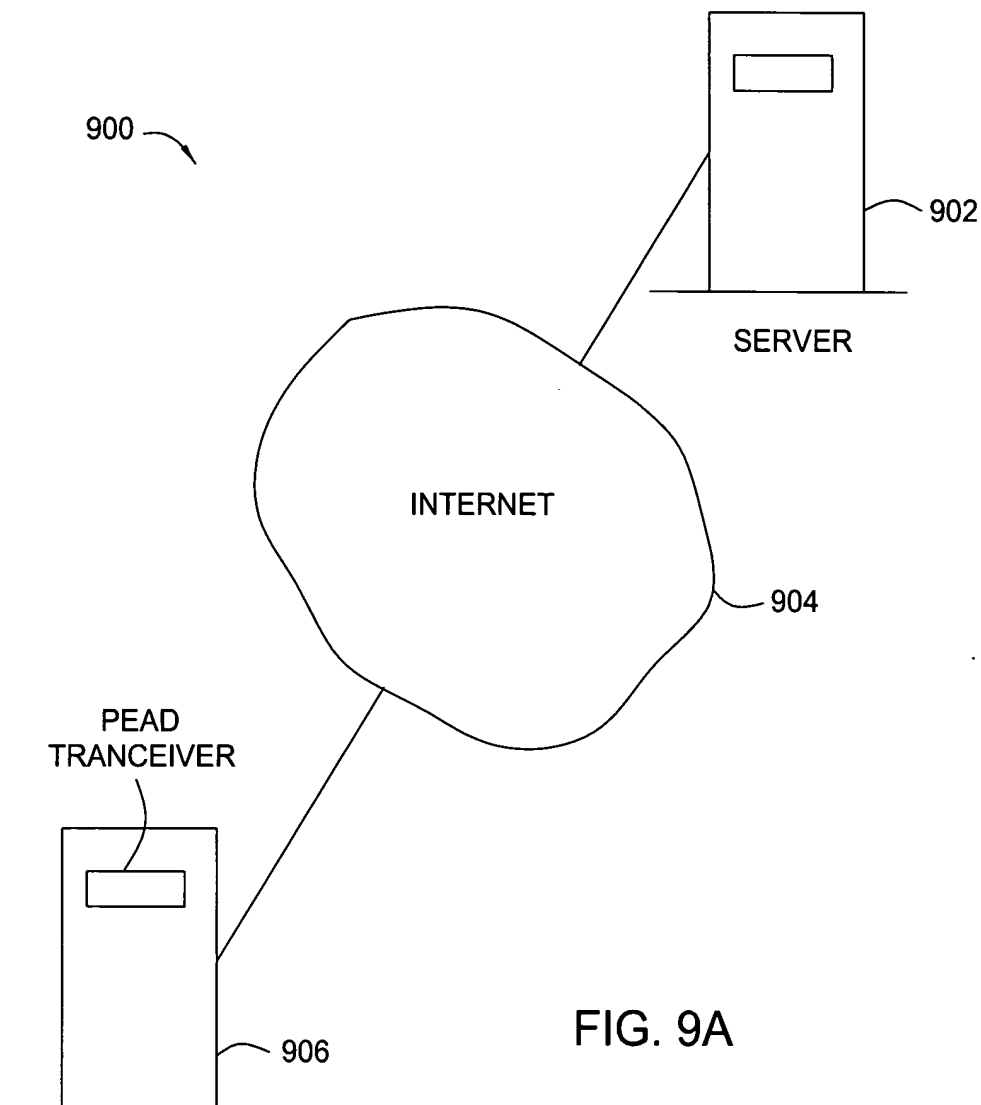
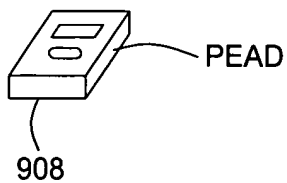
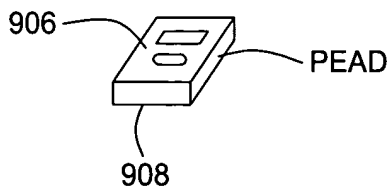
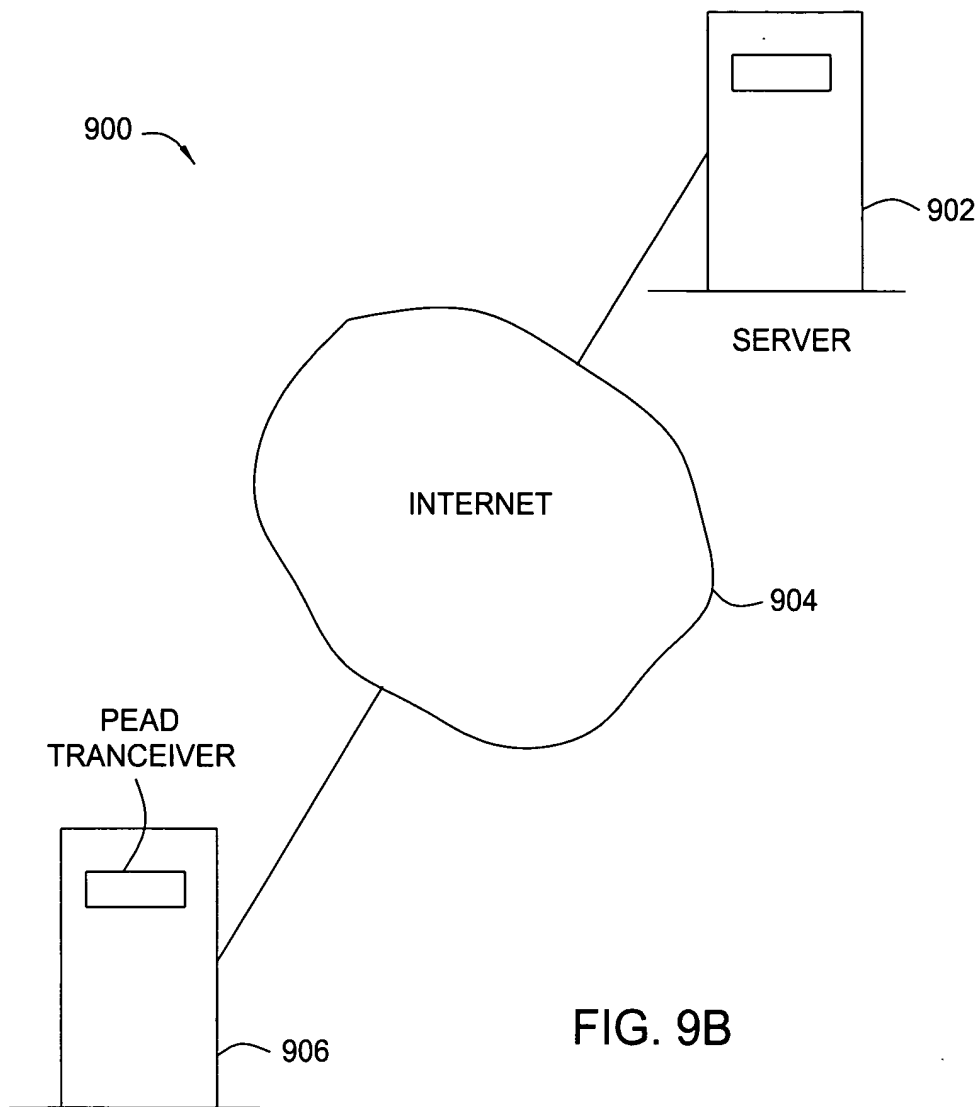


FIG. 9A





14/18





15/18

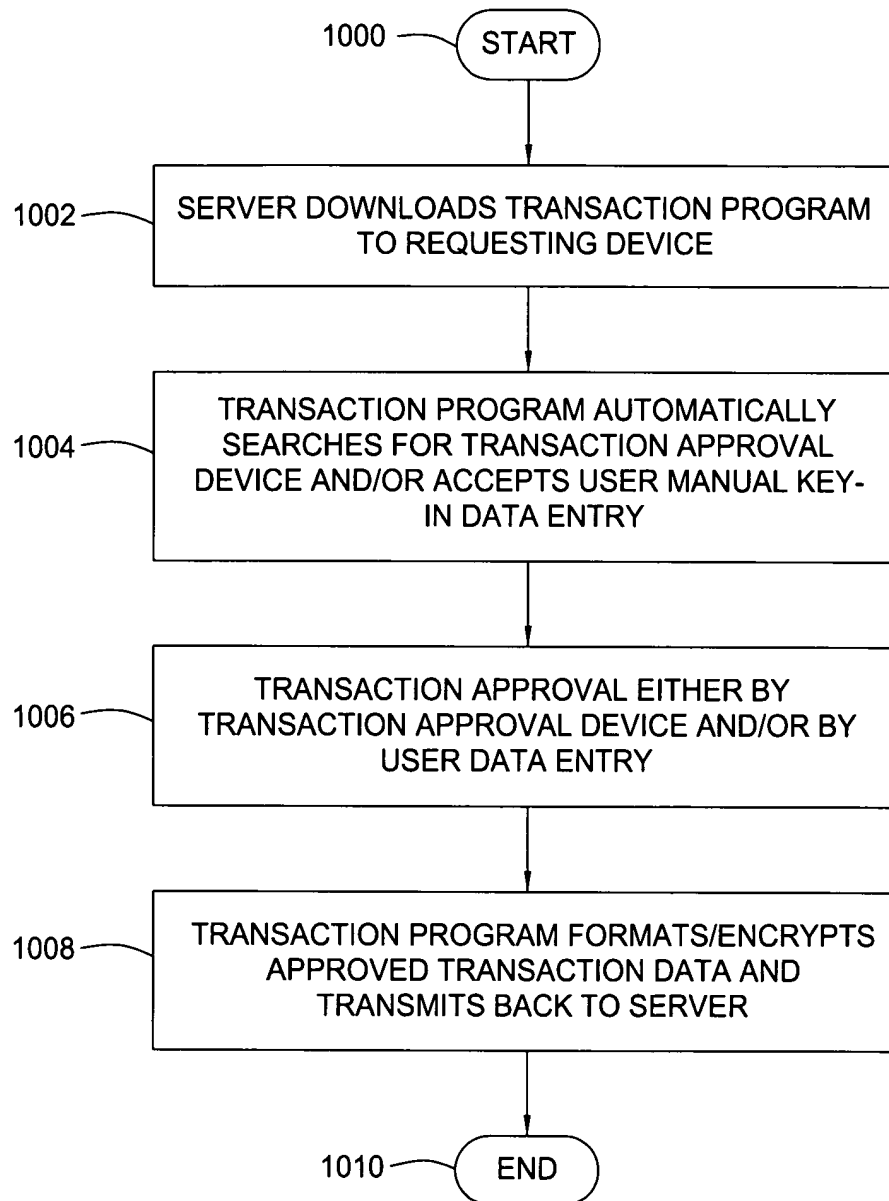
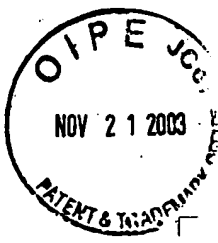


FIG. 10





Atty Dkt. No.: ESX-005  
U.S. Serial No.: 09/668,213 Conf. No.: 9838  
Filed: September 22, 2000  
Title: ELECTRONIC TRANSACTION SYSTEMS AND  
METHODS THEREFOR  
Inventor: Ynijun P. Wang, et al.  
Express Mail No.: EL 323863909US US Page 16 of 18

16/18

XYZ COMPANY

DATE: 12/31/96  
TIME: 5:00 PM

INVOICE LIST TRANSACTION NUMBER: TR#1234

No.	DESCRIPTION	QTY.	AMOUNT
1	19" COLOR TV	1	225.00
2	MICROWAVE	1	109.00
TOTAL			334.00

CUSTOMER CREDIT CARD INFORMATION:

\_\_\_\_\_

ADDRESS: \_\_\_\_\_

TEL: \_\_\_\_\_

ORDER

PEAD APPROVAL

FIG. 11



Atty Dkt. No.: ESX-005  
U.S. Serial No.: 09/668,213 Conf. No.: 9838  
Filed: September 22, 2000  
Title: ELECTRONIC TRANSACTION SYSTEMS AND  
METHODS THEREFOR  
Inventor: Ynijun P. Wang, et al.  
Express Mail No.: EL 323863909US US Page 17 of 18

17/18

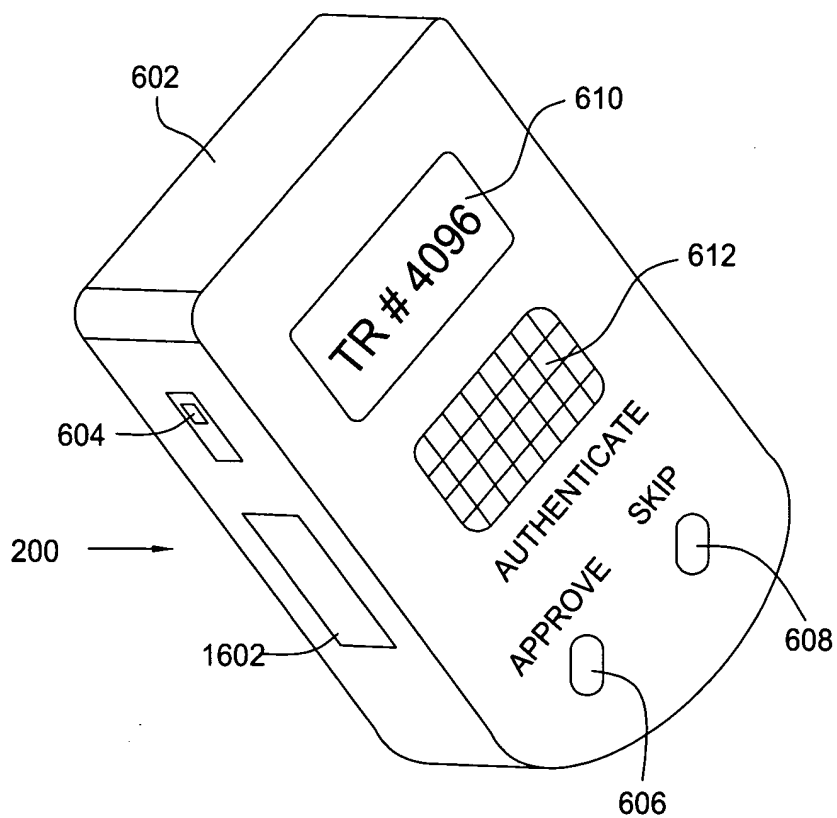


FIG. 12A



FIG. 12B

